

SPECIFICATION

~~Microsoft Word 1.2.8~~

~~Style sheet version 1.0~~

~~FLOATING WINDOW~~

~~Background of Invention~~

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[0001] Field of the Invention

[0002] The invention relates in general to a transparent window, and more particular, to a floating window suitable for use in a flatbed scanner.

[0003] Related Art of the Invention

[0004] In the recent years, the great advancement of computer and the highly developed Internet and multi-media techniques allow extracting an image pattern from a digital camera (DC) directly. On the other hand, the image input process of other relative documents or pictures require an optical scanner to obtain an analog image therefrom. The analog image is then converted into a digital signal to be output. The users can thus perform display, recognition (OCR), edit, storage and output operation of the image file in a computer or an electronic product.

[0005] According to the input method, the optical scanner can be categorized into palm scanner, sheet feed scanner, drum scanner and flatbed scanner. As the flatbed scanner has a more stable image scanning quality and functions of document (film and projection film) reflection and transmission, plus an additional automatic document feeder (ADF) can be used to continuously scan a whole stack of documents with the same size; therefore, the flatbed scanner becomes one of the most commonly used optical scanners currently.

[0006]

The flatbed scanner incorporates a transparent flat panel, for example, a piece of glass or transparent plastic, mounted on a top lid of thereof for disposing the document to be scanned. Using a belt driving apparatus and the bearing positioning mechanism, the optical scan module, that is, the chassis, inside of the flatbed scanner